

IS NEW STAR NEW WORLD?

Proof of Nebulae Theory Believed to Have Been Found by Yerkes Observatory.

FOUND BY PROF. RITCHEY.

Makes Important Discovery that the Surrounding Nebulae Have Moved.

CHICAGO, Nov. 20.—Prof. Ritchey, of Yerkes Observatory, is reported to have made a discovery in astronomy which will make himself and the observatory world famous. The discovery, in brief, is the proof of the nebula theory, and Prof. Ritchey appears to have reduced to a matter of certitude what has heretofore been merely a brilliant hypothesis. It is claimed that he has done this by obtaining photographic evidence of evolution among the planetary bodies. The Yerkes Observatory is part of the University of Chicago, though located at Williams Bay, Lake Geneva, Wis. It was endowed by the multi-millionaire street railway magnate, Charles T. Yerkes, of this city, who is at present in London seeking to revolutionize British methods of urban transportation.

Process of Evolution.
Prof. Ritchey's observations, it is claimed, not only prove the truth of the nebula theory of creation announced by the famous Frenchman, Laplace, and of the widely entertained belief that the solar system, and even star clusters, have been formed by millions of years of slow evolution from great bodies of gaseous matter floating in the inconceivable abysses of space, but also prove that a nebula, with a star for a nucleus, changes its shape and quantity of light it emits, and that these changes are so rapid as to be observable within the compass of a few years.

Astronomers have long believed that the nebulae were the matrices of solar systems and star clusters like our own, but no observer has been able to see the slightest sign of change in the structure. This has now been done by Prof. Ritchey, who is busily engaged in preparing for the technical journals an announcement of his discovery.

The celestial object upon which Prof. Ritchey has made his observations is the mysterious star, Nova of Perseus, which suddenly appeared last February in the northern sky, blazing with strange light in a place where there had been no star before. Its light rapidly increased, until it became a star of the first magnitude. Then it gradually faded away, until now it is only of the sixteenth magnitude. At present it is altogether invisible to the unaided vision.

Surrounded by Nebulae.
On the night of Sept. 20 Prof. Ritchey photographed Nova of Perseus by means of the twenty-four inch reflector at the observatory. The negative disclosed the fact that the star was surrounded by a nebula, a fact which had been previously shown by the telescope. But on the plate made by Prof. Ritchey, after an exposure of three hours and fifty minutes, there were two fairly dense wisps of nebulosity toward the west with a curve to the north, merging into the convolutions of the nebula.

This was a startling fact, but Prof. Ritchey patiently waited for a favorable night to secure another negative. He looked for opportunity came last Wednesday night, Nov. 15, when for seven hours Prof. Ritchey exposed his plate to the light of the mysterious star. When he looked at the negative he observed a fact in which he at once recognized the proof so long sought and so ardently wished for by observers everywhere. The spots of density on the west side of the nebula had moved. Never before had this fact been found, and Prof. Ritchey at once saw the importance of the discovery.

BOY DRUMMED ON CAN OF DYNAMITE.

EXPLOSION FOLLOWED AND HE WAS BLOWN TO ATOMS.

Dangerous Play-Toy Had Been Left in Lot by Some Well-Shooters.

ALEXANDRIA, Ind., Nov. 20.—Charles Ott, a thirteen-year-old boy, was blown to atoms last night. He found a nitroglycerine can in the rear of his home and trying it about his waist proceeded to beat on his improvised drum. A terrific explosion, which shook the city, followed. Both arms and legs of the boy were blown off and the front part of his head was torn away. The can was left on the spot by well-shooters two weeks ago, and it was supposed that not enough of the explosive remained to be dangerous.

RICH WOMEN SMUGGLERS.

Wives and Daughters of Seattle Men May Be Arrested.

SEATTLE, Wash., Nov. 20.—Prominent Seattle women, the wives and daughters of wealthy business and professional men, according to United States Secret-Service detectives, have been conducting systematic smuggling operations on a large scale. The violations of the law have become so frequent that the matter is receiving serious consideration from Government officers. Arrests are likely to follow.

JOHN W. MACKAY IN 'FRISCO.

Millionaire Will Spend the Winter on the Pacific Coast.

SAN FRANCISCO, Nov. 20.—John W. Mackay, president of the Commercial Cable Company, has arrived here from New York and will spend the winter on this coast.

THE BIG STORE A CITY IN ITSELF SIEGEL & COOPER

Women's Shoes at \$1.95.

Box Calf, Patent Leather and Kid.

Good as any \$3.00 Shoes we know, and we've looked over the field carefully. The Box Calf Shoes are in lace style and have double soles.

The Patent Leather Shoes are made of P. Rielly & Sons' leather, which is known to wear better than any other kind. Double soles with Cuban heels; also single soles with French heels.

Kid button and lace Shoes with single or double soles. All sizes and widths in each style. Price, per pair, 1.95

WOMEN'S SHOES AT \$2.50 A PAIR.

These are the well-known "Federation" Union made shoes. In kid, box calf and patent leather, button and lace styles. These shoes have also Goddard welted soles, which make them easy fitting; price, 2.50

CHILDREN'S SHOES—SPECIAL VALUES.

These sturdy shoes are made of kid and enamel leathers, in sizes 5 to 12; most \$1.00 and \$1.25 value; price, .69

Women's House Dresses and Dressing Sacques.

Purposely low priced to make room for special holiday goods. Shrewd women will be swift to take advantage of the saving afforded them.

WOMEN'S HOUSE DRESSES, percale, trimmed waist and separate flounced skirt; regularly \$1.25, 98

WOMEN'S HOUSE DRESSES, extra fine percale, full skirt, braid trimmed waist; usually \$1.00, 1.25

WOMEN'S DRESSING SACQUES, ripple elsteds, worked edges; special, 75

WOMEN'S KIMONO DRESSING SACQUES, outing flannel, plain border, 39

Second Floor, Centre.

\$3.45 "L. L." Corsets at 1.75

The Corset Store, on the Second Floor, makes another powerful bid for your favor by announcing one of those special events for which it has become excellently known to thousands of women. It is the constant aim of this Department to combine in high degree comfort and style. That we succeed is proved by the large and increasing business we are doing.

"L. L." CORSETS; special sale; a very popular long waist Corset; made of best white coutil and black satin; original value \$3.45; very special at 1.75

SONNETTE AUGUSTINE CORSETS, straight front, bias gored, low bust, medium long over hips, black and white, original value \$2.75; special, 1.50

NEMO CORSETS, straight front, medium length, bias gored, drab and white, original value \$1.50; special, 95

A Special Lot of

Short Straight Front Corsets, in blue, pink and drab; special, 35

A Jolly Toy Horse Show And a Wonderland of Other Things.

Proud, beautiful Toy Horses, with flashing eyes, arched necks and impatient mien. A Horse Show in miniature. Horses as stately as any that ever pawed a tan-bark arena.

And there's a menagerie close by—a genuine Toy Zoo. But the animals show no disposition to quarrel. A meek little sheep bleats right in the shadow of a majestic lion, but the wolly animal shows no fear, for the lion has no angry roar. A big buffalo glares with lowered head, typical of the king of the plains, but the gentle brindie cow that stands near is quite undisturbed and serenely views the scene.

And there's the Doll Show. The dolls and the rest of the playthings and toys have come forward and now occupy a much larger portion of the Second Floor—in fact, from the Music Store to the Main Stairway.

Christmas is driving along so fast that we're busy as bees getting ready. But the Doll Show. Dolls of every kind, from slant-eyed Mongols and kinky headed pickaninies to bewitching French and German beauties. One of the largest, finest and best Doll displays in America.

THREE MARVELOUS DOLLS AT 95c. EACH!

FAMOUS D. P. DRESSED DOLLS, 17 inches long, large bisque head, moving glass eyes, open mouth, showing teeth; long, flowing curls, dressed in assorted patterns of silks and satins; full set of underclothing, hat, shoes and stockings to match, 95

KID BODY DOLLS, 18 inches long, jointed hip and knee, nice bisque head, open and shut eyes, long, flowing curls; shoes, stockings, 95

JOINTED DOLLS, 21 inches long, pretty bisque head, moving glass eyes, long, flowing curls; jointed arms and legs, pretty chemise, 95

DOLL GO-CARTS & CARRIAGES; big assortment in various styles. Prices range upward from 10c. to \$1.00. POLICE or FIRE-PATROL WAGONS; lettered, striped and varnished; 11 and 16 inch oval welded tires; shaped spoked wheels; cushion seats; hand rail and good gear; will seat 5 children comfortably, 5.50

PARCHES; a dollar home game for MECHANICAL BANKS; magicians, clowns, William Tell, Kicking Mule and Baseball; nicely painted malleable iron, 69

SWINGING HORSE, neatly painted, hardwood, carved legs, full set of harness and leather saddle; good size, 3.50

MECHANICAL TROLLEY CARS, nicely painted steel; strong, clock-work movement, 1.50

CHILD'S ROCKERS, hardwood, painted red, with natural finish; back 30 inches high; seat 13 inches wide; fancy turned spindles, 39

DOLL BED; hardwood, white enamel, painted folding 47 inches, size 13x21 inches, 59

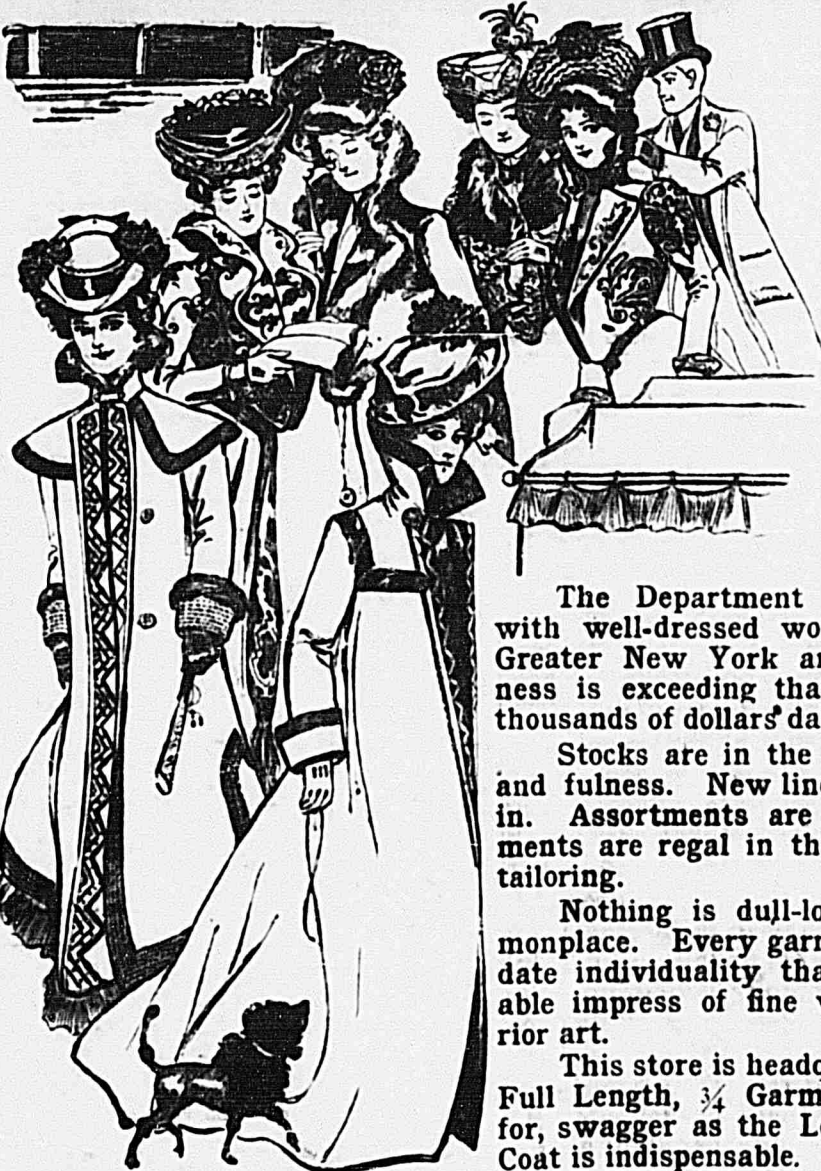
AMERICAN SOLDIERS, 12 lead soldiers, 1 horse, 2 tents and 1 cannon, in box, on tray, etching position without aid of thread or wire, 75

ICE WAGON, with horse and driver, painted malleable iron; 16 inches long, 50

Our assortment of Doll Heads, Arms, Bodies and Fixings is the finest in America.

We also Repair Dolls and Mechanical Toys.

Second Floor, Centre.



Superb Styles in Fashionable Full Length Raglans, 3/4 Garments and Jaunty Jackets.

Splendidly busy!

The Department is constantly crowded with well-dressed women from all parts of Greater New York and vicinity. The business is exceeding that of previous seasons by thousands of dollars daily.

Stocks are in the full bloom of freshness and fullness. New lines are constantly coming in. Assortments are sumptuous; many garments are regal in their beauty and exquisite tailoring.

Nothing is dull-looking; nothing is commonplace. Every garment has a smart, up-to-date individuality that bears the unmistakable impress of fine workmanship and superior art.

This store is headquarters for all kinds of Full Length, 3/4 Garments and Short Jackets, for, swagger as the Long Coats are, the Short Coat is indispensable.

The Following Are Very Special for Thursday:

RAGLANS AT \$8.75.

Medium weight, with full flowing back on yoke, 8.75

CRUSHED VELOUR ETON JACKETS.

Short back and tab fronts; crush satin belt; lined with Skinner's satin, 10.00

SEAL PLUSH JACKETS.

22 inches in length; collar and lapels of nutria beaver, lined with Skinner's best satin, 16.75

PERSIAN CLOTH JACKETS.

Eton shape and tab fronts, solid collar and revers of sable, lined with best satin, 15.00

VELOUR JACKETS.

Elaborately beaded and embroidered, 23.75

COVERT RAGLANS.

Best grade imported cloth in gray, Oxford, tan, castor and green; double top cape; a very swagger garment, 15.00

FULL LENGTH SATIN GARMENTS.

Semi-fitted back, flaring cut flounce, trimmed profusely with velvet ribbons, lined with delicate gray satin duchesse, 50.00

KERSEY RAGLANS.

Best quality, in tan, castor and black, stitched loose yoke and elaborately stitched medici collar, 19.75

3/4 LENGTH GARMENTS OF SATIN

OR VELVET, \$37.50.

Ladies' Waists.

1,000 LADIES' MERCERIZED SATEEN WAISTS, TO-MORROW VERY SPECIAL, EACH 1.00

These waists have finely tucked front, with strap, and comprise a decidedly novel style.

BLACK BRILLIANTINE WAISTS, 1.90

Tucked and hemstitched front, FRENCH FLANNEL WAISTS, 1.90

The greatest of all values at FRENCH FLANNEL WAISTS, 2.90

Persian band trimming, a \$5.00 value at

Second Floor, Front.

Ladies' Stylish Suits.

100 WALKING SUITS, 250 TAILORED SUITS, 75 COSTUMES, At very Special Prices.

WALKING SUITS at 14.75 17.50

Worth 19.75 25.00

TAILOR-MADE SUITS at 15.00 22.50

Worth 23.75 35.00

COSTUMES at 37.50 55.00

Worth 50.00 75.00

Second Floor, Front.

Silverwear and Cutlery.

Sales Continue to Exceed all Records.

The sale has spiritedly caught the town, so to speak. The demand is nothing short of extraordinary. Hundreds of people are purchasing prodigally. One customer bought almost \$400 worth yesterday. Said the values were the greatest she ever saw at the prices named. Such a peerless and beautiful collection of Silverware and Cutlery at

constitutes an event of unbounded importance. Thousands of pieces of Silverware and Cutlery from the foremost factories of America. Wares intended for high-class trade. The keenest, most critical judges will delight in this bountiful display.

EVERYTHING IS ABSOLUTELY NEW AND CHOICE.

Just such varieties as will be hailed eagerly now, particularly as Thanksgiving is so close and Christmas rapidly approaching.

There could be no finer time for the buying of wedding, birthday, anniversary or Christmas gifts. Assortments are as complete as when the sale began.

Entire Main Aisle.

LOT 1—Quadruple-plated SILVER-PLATE, CUP, SPOON, COFFEE POTS, WAITERS, SALAD BOWLS, SUGAR BOWLS, SPOON-HOLDERS, CREAM PITCHERS, CRUMB SETS, BUTTER DISHES, WATER PITCHERS, CANDLES, FERN DISHES; choice at 2.25

STERLING SILVER MOUNTED TOILET ARTICLES. LOT 2—STERLING MOUNTED BRUSH, COMB AND MIRROR, in fancy lined case, 9.75

GENTLEMEN'S SET OF MILITARY BRUSHES AND COMB, in fancy case, 6.75

STERLING MOUNTED BRUSH, in case, 2.50

STERLING MOUNTED HAIR BRUSHES, \$1.50 to 7.00

STERLING MOUNTED CLOTH BRUSHES, \$1.75 to 4.95

STERLING MOUNTED HAT BRUSHES, \$1.25 to 2.50

STERLING MOUNTED MILITARY BRUSHES, each, 98c to 3.50

QUADRUPLE PLATED TOILET SET, brush comb and mirror, beautiful lycombos, 4.50

PEARL HANDLE DINNER KNIVES, fancy sterling silver ferrule and silver plated blades, worth \$5.00; set of 6, 3.00

STERLING SILVER IN OAK CHESTS.

POLISHED OAK CHEST OF 84 PIECES OF STERLING SILVER TABLE WARE; 1 doz. dinner knives, 1 doz. dessert knives, 1 doz. dinner forks, 1 doz. dessert forks, 1 doz. table spoons, 1 doz. dessert spoons, 1 doz. tea spoons; very special at 165.00

24-PIECE OAK CHEST STERLING TABLE WARE; 6 knives, 6 forks, 6 table spoons, 6 tea spoons; very special at 49.00

LOT 1—Sterling silver Tableware, guaranteed 925-1000 fine.

TEASPOONS, per set of 6, \$2.95 to 7.50

DESSERT SPOONS and FORKS, set of 6, \$7.50 to 10.50

TABLESPOONS and FORKS, set of 6, \$10.75 to 13.50

DINNER and DESERT KNIVES, set of 6, \$12.00 to 15.00

Sterling Handle CAKE KNIVES, 2.25

Sterling Silver SOUP LADLES, 5.00

Sterling Silver 3-piece CHILD'S SET, 3.75

Sterling Silver GRAY LADLES, 1.50

Sterling Silver CREAM LADLES, 98

Sterling Silver Initial SALT SETS, 3 pieces, 1.25

Sterling Silver BON-BON DISHES, \$1.75 up to 10.50

Sterling Silver NAPKIN RINGS, 45c to 3.00

Sterling Silver Mounted SALT AND PEPPER SHAKERS, each, 25

Others up to, each, 1.50

FRUIT KNIVES, white celluloid handles, silver plated blades and fancy ferrule, worth \$2.25; set of 6, in box, 1.15

LOT 4—NICKEL AND SILVER PLATED NEST SETS:

6 picks in box, 10c., 15c., and 25c., 59

6 picks and cracker in box, 19c., 35c., 59

17 picks and 7 crackers in wooden case, 98

LOT 5—QUADRUPLE PLATED TEA OR COFFEE POTS, SALAD BOWLS, CAKE BASKETS, CRUMB TRAY AND SCRAPER, BREAD TRAY, BUTTER DISHES, CANDLES, 10-12 SERVING TRAY, WATER PITCHERS, LOVING CUPS AND CHOCOLATE POTS; worth up to \$3.00, 1.50

LOT 6—QUADRUPLE-PLATED TEA SETS of 4 pieces and 5 pieces, hand-somely engraved or highly burnished, \$2.95, \$4.50, \$8.50, \$10.75 and up to 40.00

LOT 7—QUADRUPLE PLATED CANDLE ABRA, 3, 4, 5 light, \$2.75, \$3.25, \$3.95, and others up to 12.00

LOT 8—QUADRUPLE PLATED COFFEE SETS, 6.25

And others up to 18.00

THE BIG STORE A CITY IN ITSELF SIEGEL & COOPER

Genuine Parisian Millinery at Startlingly Reduced Prices.

The Millinery Parlors, on the Second Floor, are radiant with beautiful creations. Throngs of customers are continuous, for the values which mark this sale are almost beyond belief.

But the Hats must go as fast as we can sell them. The Millinery stock must be curtailed to make room for crowding holiday things. Many of the Hats we are showing were imported especially for the Horse Show.

EXQUISITELY DESIGNED TRIMMED HATS, copies of the most charming of French creations, and which were on sale at \$10.00, \$15.00 and \$18.00 each, are priced at

5.00, 7.50 and 10.00.

200 STYLISHLY TRIMMED HATS, formerly on sale at \$5.00 and \$6.00, will be placed on sale to-morrow at these prices:

2.50 and 3.75.

As we have already told you, there are trimmed Hats of practically every description. Toques, Turbans, Flares, Pompadours, Flats, Walking and Outing Hats.

All sorts of materials and trimmings, including feathers, laces, silks, ribbons, velvets, tulle, flowers and everything else that is used in millinery embellishment. Everything is of the brightest, freshest and newest.

(Second Floor, 15th Street.)

Trimmed and Untrimmed Hats.

Two Very Great Bargains for Thursday.

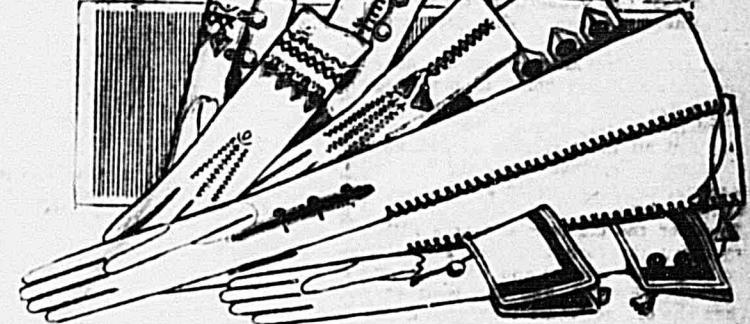
1,000 Camel's Hair Walking Hats came in yesterday, and go on sale to-morrow as soon as store opens.

Some of these Hats have stitched brims; some have velvet bound edges; some are trimmed with velvet; others with pompons; they are worth from \$1.45 to \$2.75. Your choice to-morrow at

75c. and \$1.25.

(Main Floor, 15th Street, 800c.)

OUR LATEST NOVELTIES



A High Class and Popular Glove Store.

Unquestionably one of the best Glove Departments in the United States. All the leading novelties in striking profusion. The most popular shades to be had are here in excellent diversity. The rapid and splendid growth of this fine Department is based strictly upon merit, and the art of having precisely what you want when you need it.

A BRILLIANT SHOWING OF EXTREME NOVELTIES. The illustration shows a few of the many ultra styles we are now selling in great numbers. Fit and excellence make them highly superior. The elegant dresser may come here with the absolute assurance of obtaining exactly what is in best taste and most demanded by prevailing modes.

Our Defence Gloves at 98c and Our Rouillon Gloves at 1.65 (in blacks as well as colors and tints)

are unquestionably the best Glove values in the city.

In Evening Gloves we are showing everything new in 12, 16, 20, or 30 button length Suede or Glace, white or black gloves: MEN'S, YOUTHS', MISSES' AND CHILDREN'S GLOVES. Complete lines. The best made for dress and comfort.

Dents and Fowens' Gloves are always to be had here.

Gloves for social functions, walking or Driving. An ideal Glove store from any viewpoint.

(Main Floor, 15th Street.)

Chatelaine Bags.

At \$3.95

At \$1.25

Worth \$8.00

Worth \$2.50

Two distinctly important special offers for Thursday, and fit accompaniments for the other notable features for which the day is distinguished.

Chatelaine Bags are so conspicuously popular, and withal so useful, that many ladies will quickly avail themselves of this exceedingly advantageous chance to buy at prices from \$1.00 to \$4.00 less than usual.